

Title (en)  
SCALABLE LOW LATENCY MULTI-PROTOCOL NETWORKING DEVICE

Title (de)  
MULTIPROTOKOLL NETZWERKGERÄT MIT SKALIERBARER GERINGER LATENZZEIT

Title (fr)  
APPAREIL RÉSEAU MULTIPROTOCOLE À LATENCE RÉDUITE EXTENSIBLE

Publication  
**EP 2898651 B1 20190206 (EN)**

Application  
**EP 13770570 A 20130912**

Priority  
• US 201261702312 P 20120918  
• US 201313767172 A 20130214  
• US 2013059344 W 20130912

Abstract (en)  
[origin: US2014078902A1] A network device receives a packet that includes a plurality of sets of fields. Sets of fields of the packet are parsed and the field sets are evaluated as soon as they are available to determine whether a processing decision can be made on the packet. Additional field sets may be parsed from the packet and obtained in parallel with determining whether a processing decision can be made, but once it is determined that a processing decision can be made, the evaluating of field sets is terminated such that any further field sets of the packet are ignored for purposes of making a processing decision for the packet.

IPC 8 full level  
**H04L 45/74** (2022.01); **H04L 49/111** (2022.01)

CPC (source: CN EP US)  
**H04L 43/04** (2013.01 - US); **H04L 45/74** (2013.01 - US); **H04L 45/745** (2013.01 - US); **H04L 47/12** (2013.01 - US); **H04L 47/70** (2013.01 - US); **H04L 49/25** (2013.01 - US); **H04L 49/251** (2013.01 - US); **H04L 49/253** (2013.01 - CN EP US); **H04L 49/3009** (2013.01 - US); **H04L 49/3063** (2013.01 - US); **H04L 49/355** (2013.01 - US); **H04L 49/9057** (2013.01 - US); **H04L 69/22** (2013.01 - EP US); **H04L 45/745** (2013.01 - CN EP); **H04L 47/70** (2013.01 - CN EP); **H04L 49/251** (2013.01 - CN); **H04L 49/3009** (2013.01 - CN); **H04L 49/3063** (2013.01 - CN); **H04L 49/355** (2013.01 - CN); **H04L 69/22** (2013.01 - CN)

Designated contracting state (EPC)  
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